

Title (en)  
APPAREL ITEM

Title (de)  
KLEIDUNGSSTÜCK

Title (fr)  
VÊTEMENT

Publication  
**EP 3402580 B1 20201104 (EN)**

Application  
**EP 17702979 A 20170111**

Priority  
• US 201662277132 P 20160111  
• US 201715402380 A 20170110  
• US 2017012945 W 20170111

Abstract (en)  
[origin: US2017197107A1] Aspects herein provide for an apparel item having an integrated parachute structure and a set of intake ducts. The parachute structure is configured to transition from a first slack state to a second inflated state subsequent to air entering the set of intake ducts incident to ground locomotion of the wearer thereby increasing air resistance to wearer movement.

IPC 8 full level  
**A63B 69/00** (2006.01); **A41D 1/08** (2018.01); **A41D 13/00** (2006.01); **B64D 10/00** (2006.01); **B64D 17/00** (2006.01)

CPC (source: CN EP US)  
**A41D 1/02** (2013.01 - CN); **A41D 1/04** (2013.01 - CN); **A41D 1/08** (2013.01 - CN EP US); **A41D 13/0015** (2013.01 - CN EP US); **A41D 13/002** (2013.01 - CN); **A41D 27/28** (2013.01 - CN EP US); **A63B 21/0085** (2013.01 - CN); **A63B 21/0088** (2013.01 - EP); **A63B 21/4007** (2015.10 - EP); **A63B 21/4011** (2015.10 - EP); **A63B 21/4025** (2015.10 - CN EP); **A63B 21/4039** (2015.10 - CN); **A63B 69/0028** (2013.01 - EP); **B64D 10/00** (2013.01 - EP US); **B64D 17/00** (2013.01 - CN EP US); **B64D 19/00** (2013.01 - EP US); **A41D 13/002** (2013.01 - US); **A41D 2600/10** (2013.01 - CN EP US); **A63B 2209/00** (2013.01 - CN EP US); **A63B 2209/10** (2013.01 - EP); **A63B 2225/01** (2013.01 - EP); **A63B 2225/62** (2013.01 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 10285463 B2 20190514**; **US 2017197107 A1 20170713**; CN 108463272 A 20180828; CN 108463272 B 20200904; CN 111904052 A 20201110; CN 111904052 B 20230411; EP 3402580 A1 20181121; EP 3402580 B1 20201104; EP 3659680 A1 20200603; EP 3659680 B1 20230315; EP 3799938 A1 20210407; US 11089824 B2 20210817; US 2019216150 A1 20190718; WO 2017123591 A1 20170720

DOCDB simple family (application)  
**US 201715402380 A 20170110**; CN 201780006205 A 20170111; CN 202010849191 A 20170111; EP 17702979 A 20170111; EP 20152799 A 20170111; EP 20203628 A 20170111; US 2017012945 W 20170111; US 201916367598 A 20190328